

SEQUENCE LISTING

<110> HIRSCH, FRANCOIS
HAEFFNER, ASTRID

<120> NF-KB ACTIVATION INHIBITORS, AND THEIR PHARMACEUTICAL
USES

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<151> 1998-11-25

<160> 4

<170> PatentIn Ver. 2.1

<210> 1

<211> 609

<212> DNA

<213> Homo sapiens

<220>

<221> CDS

<222> (1)..(606)

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Cys Leu Pro Trp Leu Gln Glu Gly Ser Ala Phe Pro Thr Ile Pro Leu	
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tcc agg ctt ttt gac aac gct agt ctc cgc gcc cat cgt ctg cac cag	144
Ser Arg Leu Phe Asp Asn Ala Ser Leu Arg Ala His Arg Leu His Gln	
35 40 45	
ctg gcc ttt gac acc tac cag gag ttt aac ccc cag acc tcc ctc tgt	192
Leu Ala Phe Asp Thr Tyr Gln Glu Phe Asn Pro Gln Thr Ser Leu Cys	
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ttc tca gag tct att ccg aca ccc tcc aac agg gag gaa aca caa cag	240
Phe Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln	
65 70 75 80	
aaa tcc aac cta gag ctg ctc cgc atc tcc ctg ctg ctc atc cag tcg	288
Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu Ile Gln Ser	
85 90 95	

tgg ctg gag ccc gtg cag ttc ctc agg agt gtc ttc gcc aac agc ctg	336
Trp Leu Glu Pro Val Gln Phe Leu Arg Ser Val Phe Ala Asn Ser Leu	
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gtg tac ggc gcc tct gac agc aac gtc tat gac ctc cta aag gac cta	384
Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu Lys Asp Leu	
115 120 125	
gag gaa ggc atc caa acg ctg atg ggg agg ctg gaa gat ggc agc ccc	432
Glu Glu Gly Ile Gln Thr Leu Met Gly Arg Leu Glu Asp Gly Ser Pro	
130 135 140	
cgg act ggg cag atc ttc aag cag acc tac agc aag ttc gac aca aac	480
Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser Lys Phe Asp Thr Asn	
145 150 155 160	
tca cac aac gat gac gca cta ctc aag aac tac ggg ctg ctc tac tgc	528
Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys	
165 170 175	
ttc agg aag gac atg gac aag gtc gag aca ttc ctg cgc atc gtg cag	576
Phe Arg Lys Asp Met Asp Lys Val Glu Thr Phe Leu Arg Ile Val Gln	
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Ser Arg Leu Phe Asp Asn Ala Ser Leu Arg Ala His Arg Leu His Gln
 35 40 45

Leu Ala Phe Asp Thr Tyr Gln Glu Phe Asn Pro Gln Thr Ser Leu Cys
 50 55 60

Phe Ser Glu Ser Ile Pro Thr Pro Ser Asn Arg Glu Glu Thr Gln Gln
 65 70 75 80

Lys Ser Asn Leu Glu Leu Leu Arg Ile Ser Leu Leu Leu Ile Gln Ser
 85 90 95

Trp Leu Glu Pro Val Gln Phe Leu Arg Ser Val Phe Ala Asn Ser Leu
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Val Tyr Gly Ala Ser Asp Ser Asn Val Tyr Asp Leu Leu Lys Asp Leu
 115 120 125

Glu Glu Gly Ile Gln Thr Leu Met Gly Arg Leu Glu Asp Gly Ser Pro
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 Arg Thr Gly Gln Ile Phe Lys Gln Thr Tyr Ser Lys Phe Asp Thr Asn
 145 150 155 160
 Ser His Asn Asp Asp Ala Leu Leu Lys Asn Tyr Gly Leu Leu Tyr Cys
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 Leu Ser Leu Pro Leu Gly Leu Pro Val Leu Gly Ala Pro Pro Arg Leu
 20 25 30
 atc tgt gac agc cga gtc ctg gag agg tac ctc ttg gag gcc aag gag 144
 Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu
 35 40 45
 gcc gag aat atc acg acg ggc tgt gct gaa cac tgc agc ttg aat gag 192
 Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu
 50 55 60
 aat atc act gtc cca gac acc aaa gtt aat ttc tat gcc tgg aag agg 240
 Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg
 65 70 75 80
 atg gag gtc ggg cag cag gcc gta gaa gtc tgg cag ggc ctg gcc ctg 288
 Met Glu Val Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu
 85 90 95
 ctg tcg gaa gct gtc ctg cgg ggc cag gcc ctg ttg gtc aac tct tcc 336
 Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser
 100 105 110
 cag ccg tgg gag ccc ctg cag ctg cat gtg gat aaa gcc gtc agt ggc 384
 Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly
 115 120 125

ctt cgc agc ctc acc act ctg ctt cgg gct ctg gga gcc cag aag gaa 432
 Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu Gly Ala Gln Lys Glu
 130 135 140

gcc atc tcc cct cca gat gcg gcc tca gct gct cca ctc cga aca atc 480
Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile
145 150 155 160

act gct gac act ttc cgc aaa ctc ttc cga gtc tac tcc aat ttc ctc 528
Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu
165 170 175

cgg gga aag ctg aag ctg tac aca ggg gag gcc tgc agg aca ggg gac 576
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20 25 30

Ile Cys Asp Ser Arg Val Leu Glu Arg Tyr Leu Leu Glu Ala Lys Glu
35 40 45

Ala Glu Asn Ile Thr Thr Gly Cys Ala Glu His Cys Ser Leu Asn Glu
50 55 60

Asn Ile Thr Val Pro Asp Thr Lys Val Asn Phe Tyr Ala Trp Lys Arg
65 70 75 80

Met Glu Val Gly Gln Gln Ala Val Glu Val Trp Gln Gly Leu Ala Leu
85 90 95

Leu Ser Glu Ala Val Leu Arg Gly Gln Ala Leu Leu Val Asn Ser Ser
100 105 110

Gln Pro Trp Glu Pro Leu Gln Leu His Val Asp Lys Ala Val Ser Gly
115 120 125

Leu Arg Ser Leu Thr Thr Leu Leu Arg Ala Leu Gly Ala Gln Lys Glu
130 135 140

Ala Ile Ser Pro Pro Asp Ala Ala Ser Ala Ala Pro Leu Arg Thr Ile
145 150 155 160

Thr Ala Asp Thr Phe Arg Lys Leu Phe Arg Val Tyr Ser Asn Phe Leu
165 170 175

Arg Gly Lys Leu Lys Leu Tyr Thr Gly Glu Ala Cys Arg Thr Gly Asp
180 185 190

Arg